Name(s) of Risk Team Members: P. Cirnigliaro, A. Etkin, R. Karol, E. Lessard, J. Maraviglia, D. Passarello, A. Piper, R. Savage, J. Scott, M. Van Essendelft		Point Value → Parameter ↓	1			2	3	4			5				
Area/Facility Description Title: Collider-Accelerator Area/Facility # (if applicable): Waste Yard FRA 22-05		Occupancy or Use (A)	<pre><once pre="" year<=""></once></pre>				<pre><once month<="" pre=""></once></pre>	<pre><pre><pre></pre></pre></pre>	≤once/shift			>once/shift			
Area/Facility Description: Area-Wide Waste Yard		Severity (B)	First Aid Only		N	Medical Treatment	Lost Time Partial Dis		isability		I	Death or Permanent Disability			
Approved by: E. Lessard Date: 3/21/05 Rev.#: 0			Likelihood (C)	Extremely Unlikely			y	Unlikely	Possible Proba		able			Multiple	
Reason for Revision (i	f applicable):								Comments:						
		Before Additiona Controls								After Additional Controls					
Physical Item or Activity	Hazard(s)	Control(s)		Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Contro	Occupancy A	Severity B	Likelihood C	Risk* AxBxC	% Risk Reduction		
Receiving, sorting, handling and packaging wastes	Radiation	Posting, labeling, PPE, Tier 1 inspections, training, procedures, work planning, dosimeters, radiation surveys, RWP, RWMB, qualified personnel, locked and fenced area with limited access, use of certified containers and drums			1	3	9								
Receiving, sorting, handling and packaging wastes	Overexertion – injuries caused by excessive lifting, pushing, pulling, holding, carrying or throwing of an object	es Training, procedures, work planning				3	27								
Receiving, sorting, handling and packaging wastes	Hazardous material exposures	Posting, labeling, PPE, Tier 1 insperators procedures, work planning, MSDS, hygiene surveys, qualified personne with limited access, use of certified	, dosimeters, industrial el, locked and fenced an	rea	3	2	12								
Receiving, sorting handling and packaging wastes	Falls on the same level	Maintenance of area, work planning	g, snow removal	3	3	3	27								
Receiving, sorting handling and packaging wastes in outdoor area	Heat or cold stress	Training, Laboratory notification sy alerts	stem on heat & cold	2	1	3	9								
Receiving, handling and packaging wastes	Being struck by an object such as a vehicle in motion	Training, work planning, spotters		2	4	3	24								

in motion

Receiving, handling	Pinch points in placing	Training, work pl	anning, spotters	2	4	3	24								
and packaging wastes															
into bins	moving waste container														
	cover														
Sorting and	Being struck against a	Work planning, use of safe tools, PPE		2	4	3	24								
packaging wastes –	sharp surface														
power tool usage															
Sorting and	Electrical shock	GFCI, UL listed tools, work planning, guards		2	2	2	8								
packaging wastes –															
electrical															
Sorting and	Being caught in or	Work planning, g	uards	1	2	2	4								
packaging wastes –	compressed by														
hydraulics	equipment														
Storage of wastes	Fire	Minimize combus	stibles, BNL Fire/Rescue Group, emergency	2	2	1	4								
		procedures, EMT													
Cutting waste drums	Being struck against a	st a PPE, personal communication device, supervisor		2	3	3	18								
_	sharp surface	communication, work planning, maintenance of equipment													
Bulb crushing -	Electric shock	GFCI, Tier 1 insp	ections, procedures, work planning,	2	2	2	8								
electrical		training, qualified personnel													
Bulb crushing	ng Being struck by an Guarding of moving parts, PPE, Tier 1 inspections,		2	3	2	12									
	object such as flying	procedures, work planning, training													
	debris														
Bulb crushing	Exposure to hazardous HEPA/charcoal filters, posting, labeling, MSDS, PPE, Tier 1		2	2	2	8									
	materials	inspections, procedures, work planning, training, industrial													
			qualified personnel												
Further Description of Controls Added to Reduce Risk:															
1															
*Risk:	0 to 20 21 to 40		41-60					61 to 80		81 or greater					
				50							or or Browner				

Moderate

Substantial

Intolerable

Negligible

Acceptable